GAD67 antibody [HL1096]

Cat. No. GTX636280

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P, IHC-Wm
Reactivity	Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent
IHC-Wm	Assay dependent

Not tested in other applications.

Observed MW (kDa)	67 kDa.
Product Note	This antibody is specific for GAD67 protein, and it does not cross-react with GAD65 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human GAD67. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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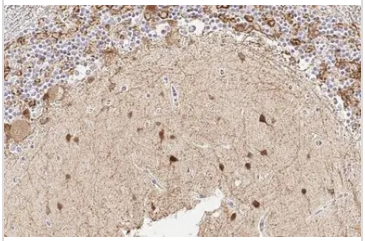
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Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

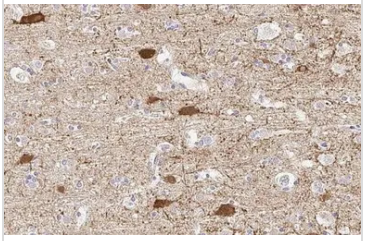
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DATA IMAGES



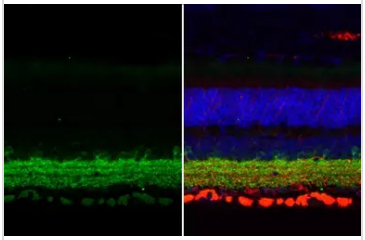
GTX636280 IHC-P Image

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded cat cerebellum.
GAD67 stained by GAD67 antibody [HL1096] (GTX636280) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



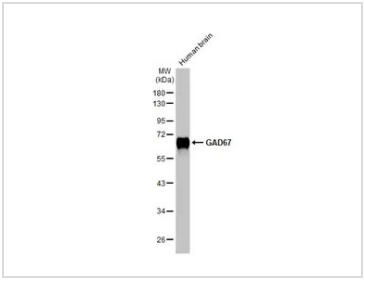
GTX636280 IHC-P Image

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded dog cerebellum.
GAD67 stained by GAD67 antibody [HL1096] (GTX636280) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636280 IHC-P Image

OLIG2 antibody [HL1072] detects OLIG2 protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded mouse E10.5 embryo.
Green: OLIG2 stained by OLIG2 antibody [HL1072] (GTX636104) diluted at 1:200.
Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636280 WB Image

Human tissue extract (10 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] (GTX636280) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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